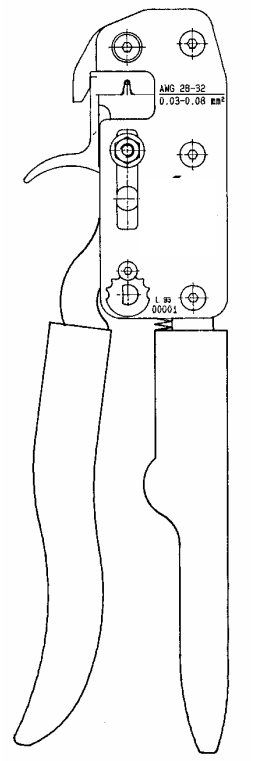
HT217

Handpistol for jumbo PV
AWG 22 - 26

User's Guide



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1. DESCRIPTION

The handtool HT 217 is designed to crimp Jumbo's PV's in the wire range AWG 22-26.

2. OPERATION INSTRUCTIONS

1. Place the handtool in your left hand, so that the movable handle (item 2) and connector fixture (item 30) may be actuated by your thumb.
2. Actuate connector fixture and place terminal as far as possible onto the wire stop (item 36), with U-shape facing the crimper (item 23).
3. Use wire which is stripped over a length of 4 ± 0.25 mm.
4. Place the wire into the barrel of the terminal so that the end of the wire touches the wire stop.
5. Close handtool by moving the handle (item 1) while the wire is held in position.
6. When the handtool is completely closed, the movable handle (item 2) may be returned to its starting position.
7. Finally take the crimped terminal from the handtool.

Note: The handtool has stops, which prevents opening the tool before the crimp action is completed. Should it be necessary, the stop can be released by turning the ratchet wheel at the back of the tool in the direction indicated by the two yellow arrows. Keep the movable handle under light pressure during this operation.

3. SPECIFICATIONS

Product information

- Jumbo PV
- Wire range AWG 22-26, 0.14 – 0.33 mm²
- Crimp height 0.81 – 0.86 mm
  .032 - .034 inches
- Adjusted crimp height by manufacturer: …….. mm

4. ADJUSTMENT

4.1 Adjustment of bellmouth

1. Take an open-ended spanner or a ring spanner No 8 (8 mm).
2. Place the spanner around the nut (item 35) on the opposite of the connector fixture (item 30).
3. Turn to the left to increase the bellmouth at the box side of the terminal.
4. Turn to the right to decrease the bellmouth at the box side of the terminal.

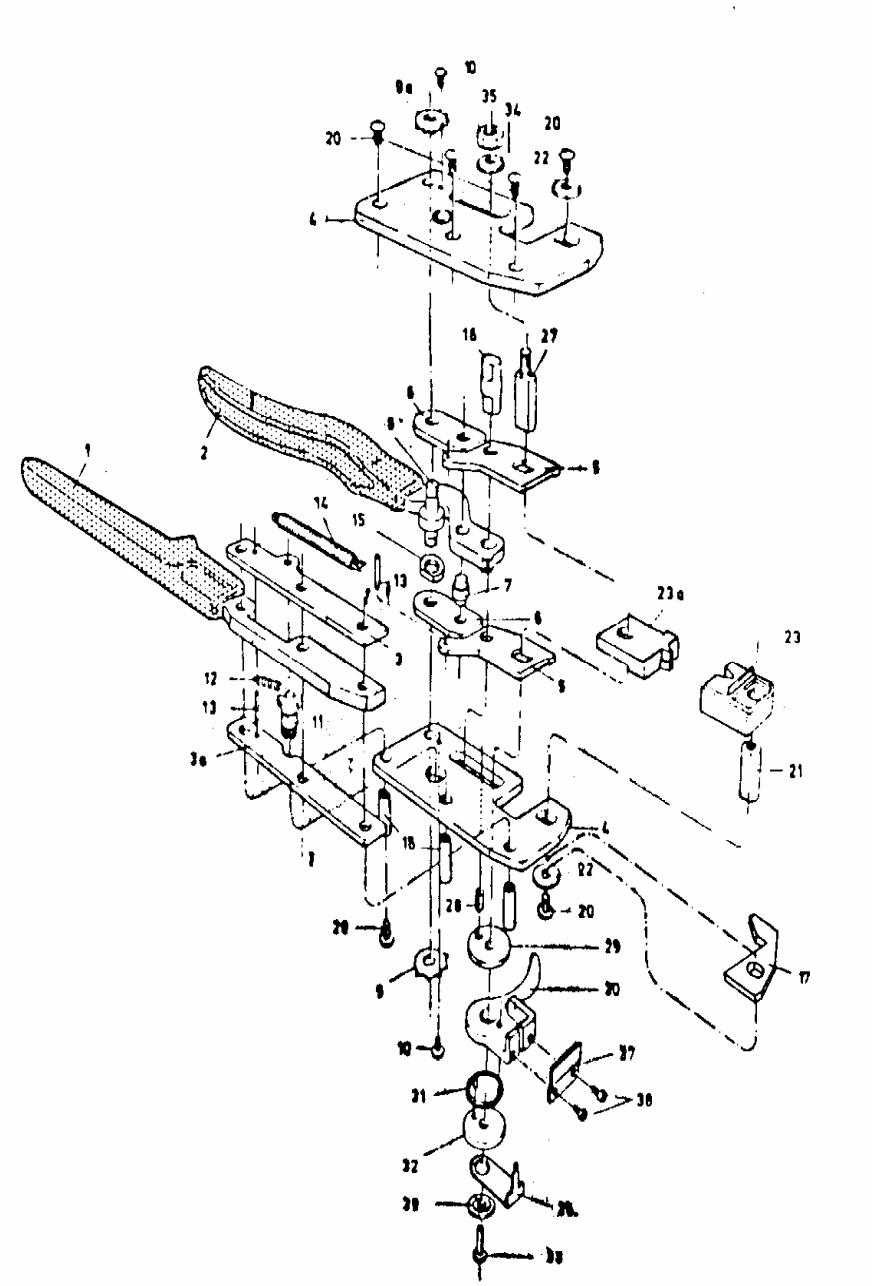
Note: When adjusted, give with a hammer a slight touch on the screw (item 27) to be sure that the nut and washer (item 34) rest against the handtool frame (item 4).

4.2 Adjustment of crimp height

Eventually, the tool hinges can wear, so that the crimp height must be readjusted. (See below specified height.) This is done by loosening screw (item 10) and rotating the stop rings (9 and 9A) one stop to change the crimp height approximately 0.05 mm (0.002 inches).

5. MAINTENANCE

- Regular checks must be made for possible gold build-up on crimper and anvil.
- If necessary, these parts may be cleaned.
- Damaged parts must be replaced immediately. For partnumbers see parts list.
  Movable parts should be lightly oiled. For this purpose use the oil that is enclosed in the case.



6. PART LIST

Item no	Part no	Description	Qty per assy
1	172380A	Handle permanent	1
2	173583A	Handle mobile	1
3	172382	Upper spacer plate	1
3A	172383	Lower spacer plate	1
4	172384A	Cover plate	2
5	172386	Holding plate	2
6	172387A	Connecting plate	2
7	172388	Hinge pin	1
8	172389	Eccentric pin	1
9	172390	Stop ring, lower side	1
9A	190582	Stop ring, upper side	1
10	5305-003-050	Button head cap screw M3x4	2
11	172391	Pawl	1
12	172392	Extension spring No 19	1
13	172393	Pin diam 2x7.8	2
14	172394A	Extension spring No 35	1
15	190583	Stop roll	1
16	172395	Guide pin	1
17	190772	Connector fixture lock	1
18	172397	Connecting pin	3
19			
20	5305-003-051	Button head cap screw M4x6	8
21	172399	Thread bush crimper	1
22	173594	Washer B 4.3 DIN 125-ST	2
23	190597	Crimper	1
23A	190598	Anvil	1
24			
25			
26			
27	173576	Stud	1
28	5305-007-009	Set screw M4x6	1
29	173577	Bush	1
30	190055	Connector fixture	1
31	173579	Torsion spring No 30	1
32	173580	Disc	1
33	5305-003-009	Button head cap screw M4x16	1
34	5310-007-005	Washer B 5.3 DIN 125-ST	1
35	5310-001-005	Nut M5 (hex.)	1
36	190623	Wire stop	1
37	190624	Locking plate	1
38	5305-001-148	Socket head cap screw M2x3	2
39	190585	Spacer	1
	190115	Key for crimp height adjustment	1
	190116	Pin wrench 2 mm	1
	190117	Pin wrench 2.5 mm	1
	190118	Oil bottle	1

7. COMPANY ADDRESS

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